

10/593786  
AP9 Rec'd PCT/PTO 28 SEP 2006

Patent  
Docket No. 350292003100

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Katsuhiko KANO et al.

Serial No.: Not Yet Assigned

Filing Date: Concurrently Herewith

For: SUBTYPES OF HUMANIZED  
ANTIBODY AGAINST INTERLEUKEN-  
6 RECEPTOR

Examiner: Not Yet Assigned

Group Art Unit: Not Yet Assigned

**INFORMATION DISCLOSURE  
STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO/SB/08a/b. Copies of the foreign documents and non-patent literature are also submitted herewith. The Examiner is requested to make these documents of record.

This Information Disclosure Statement is submitted with the application; accordingly, no fee or separate requirements are required.

Applicants would appreciate the Examiner initialing and returning the Form PTO/SB/08a/b, indicating that the information has been considered and made of record herein.

U.S. Application No.: Not Yet Assigned

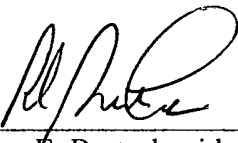
Atty. Docket No. 350292003100

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal form is separated from this document and the Patent and Trademark Office determines that an extension and/or other relief (such as payment of a fee under 37 C.F.R. § 1.17 (p)) is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petition and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing 350292003100.

Dated: September 22, 2006

Respectfully submitted,

By   
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ALTERNATIVE TO PTO/SB/08a/b (07-05)

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Katsuhiro KANO
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	350292003100

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	5,994,511	11-30-1999	LOWMAN et al.	Corresponds to Cite No. 4

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	2.	JP-05-227970-A	09-07-1993	CHUGAI PHARMACEUT. CO. LTD.	Translation of Abstract Only	
	3.	JP-06-319396-A	11-22-1994	JAPAN TOBACCO INC. & KURARAY CO. LTD.	Translation of Abstract Only	
	4.	JP-2002-510211-A	04-02-2002	GENENTECH INC.	Corresponds to Cite No. 1	
	5.	JP-2002-525104-A	08-13-2002	SMITHKLINE BEECHAM CORPORATION & SMITHKLINE BEECHAM PLC	Corresponds to Cite No. 6	
	6.	WO-00/18804-A1	04-06-2000	SMITHKLINE BEECHAM CORPORATION & SMITHKLINE BEECHAM PLC	Corresponds to Cite No. 5	
	7.	WO-2005/090405-A1	09-29-2005	CHUGAI SEIYAKU KABUSHIKI KAISHA	Translation of Abstract Only	

\*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	8.	Adamczyk, M. et al. (2002). "Complete Sequencing of Anti-vancomycin Fab Fragment by Liquid Chromatography-electrospray Ion Trap Mass Spectrometry with a Combination of Database Searching and Manual Interpretation of the MS/MS Spectra," <i>Journal of Immunological Methods</i> 260:235-249.		
	9.	Hirata, Y. et al. (1989). "Characterization of IL-6 Receptor Expression by Monoclonal and Polyclonal Antibodies," <i>The Journal of Immunology</i> 143(9):2900-2906.		
	10.	Merkler, D. J. et al. (1991). "Recombinant Type A Rat 75-kDa $\alpha$ -Amidating Enzyme Catalyzes		

Examiner Signature		Date Considered	
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				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Katsuhiko KANO
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	350292003100

		the Conversion of Glycine-Extended Peptides to Peptide Amides via an $\alpha$ -Hydroxyglycine Intermediate," <i>Archives of Biochemistry and Biophysics</i> 289(1):192-196.	
	11.	Miller, D. A. et al. (1992). "Characterization of a Bifunctional Peptidylglycine $\alpha$ -Amidating Enzyme Expressed in Chinese Hamster Ovary Cells," <i>Archives of Biochemistry and Biophysics</i> 298(2):380-388.	
	12.	Ray, M. V. L. et al. (2002). "Production of Salmon Calcitonin by Direct Expression of a Glycine-extended Precursor in <i>Escherichia coli</i> ," <i>Protein Expression and Purification</i> 26:249-259.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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